

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027619**Date Inspected:** 18-May-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1830**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Pier 7 Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. Components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI began reviewing the informal welding report package #114, for conformance with the contract requirements. This review was in progress at the end of the shift.

The QAI conducted a water intrusion test of the Skyway Bikepath Panels. The QAI noted that this work is requested per Contract Change Order (CCO) # 217. At the initial time of testing (4:15pm), It was noted that slight thermal expansion of the air in the bikepath panel was observed. The test bucket was left in place and after approximately 15 minutes, there was a noticeable decrease in the water level in the bucket. At 5:30pm, there was a 2" drop in the water level in the test bucket. The QAI relayed this information to the Associate Steel Inspector (ASI) Jason Gramlick and the Structural Materials Representative (SMR) Bahjat Dagher. The QAI was informed that further analysis and / or testing will be determined next week.

The QAI met with Transportation Engineer (TE) Mohammad Awal at the pier 7 warehouse. There was discussion of work in progress on the East and West tower parapets. The QAI was informed that per Request for Information (RFI) 2830R00. The QAI witnessed ABF personnel cutting out portions of the tower parapets to facilitate removal of the tower boom hinge bolt (pin). The QAI noted that at the end of the shift, the cope cuts had not been ground smooth. See the attached photo.

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Summary of Conversations:

The QAI relayed the status of the document reviews, RFI (tower parapet cutting) and CCO 217 status to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy, (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
